

VERSION WITH MARKINGS TO SHOW CHANGES MADE

In the claims:

The following claims have been amended as indicated:

Cancel Claims 25-30.

45. (Amended) An electrostatic microactuator comprising a substantially planar substrate, a rotatable member overlying the substrate for rotation about an axis of rotation extending perpendicular to the substrate, a plurality of electrostatic drive assemblies extending substantially radially from the axis of rotation, each of the plurality of electrostatic drive assemblies having a first electrostatic drive member mounted on the substrate and a second electrostatic drive member coupled to the rotatable member, and first and second spaced-apart springs, each spring having a first end portion coupled to the substrate and a second end portion coupled to the second electrostatic drive member for suspending the second electrostatic drive member and the rotatable member over the substrate, each second electrostatic drive member being movable in a direction of travel about the axis of rotation between first and second positions relative to the respective first electrostatic drive member, the rotatable member, the plurality of electrostatic drive assemblies and the first and second springs when viewed together in plan having the shape of a [fan] sector of a circle.

49. (Amended) The microactuator of Claim 48 wherein the comb drive fingers of the first and second comb drive members are not substantially fully interdigitated when in the first [and] position and the comb drive fingers of the first and second comb drive members are substantially fully interdigitated when in the second position.

51. (Amended) An electrostatic microactuator comprising a substantially planar substrate, a rotatable member overlying the substrate for rotation about an axis of rotation extending perpendicular to the substrate, a plurality of comb drive assemblies extending substantially radially from the axis of rotation, each of the plurality of comb drive assemblies having a first comb drive member mounted on the substrate and a second comb drive member coupled to the rotatable member and having the shape of a truncated sector of a circle, and first and second spaced-apart springs, each spring having a first end portion coupled to the substrate and a second end portion coupled to the second comb drive member for suspending the second comb drive member and the rotatable member over the substrate, each of the first and second comb drive members being provided with comb drive fingers, the comb drive fingers of the second comb drive member having respective distal ends which extend along an imaginary line that does not intersect the axis of rotation.

55. (Amended) The microactuator of Claim 51 wherein the rotatable member, the plurality of comb drive assemblies and the first and second springs when viewed together in plan have the shape of a [fan] sector of a circle.

57. (Amended) An electrostatic microactuator comprising a substantially planar substrate, a rotatable member overlying the substrate for rotation about an axis of rotation extending perpendicular to the substrate, first and second linear micromotors for imparting substantially linear motion and a first coupler for securing the first linear micromotor to the rotatable member and a second coupler for securing the second micromotor to the rotatable member so as to utilize the substantially linear motion of the first and second micromotors for rotating the rotatable member about the axis of rotation.

Cancel Claims 63-65.

77. (Amended) The microactuator of Claim 76 wherein the at least one comb drive assembly includes a plurality of comb drive assemblies, the rotatable member, the plurality of comb drive assemblies and the first and second springs when viewed together in plan [subtend] subtending an angle of approximately 180° or less about the axis of rotation.

90. (Amended) The device of Claim 86 wherein the movable structure [is fanlike in] has the shape of a sector of a circle when viewed in plan.

Cancel Claims 91-95.